

Appln No. 10/713,065
Amdt. Dated October 14, 2004
Response to Office action of August 25, 2004

2

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A printhead assembly comprising:
an elongated support beam formed from an odd number of layers, there being a pair of outer layers symmetrically disposed about and laminated to a core, the coefficient of thermal expansion of the core and the outer layers providing a coefficient of expansion, in the beam, substantially equal to that of silicon.
2. (Currently amended) The support structure printhead assembly of claim 1, wherein: the outer layers are the same thickness.
3. (Currently amended) The printhead assembly support structure of claim 1, wherein: the outer layers are made from invar.
4. (Currently amended) The printhead assembly support structure of claim 1, wherein: the coefficients of thermal expansion of the outer layers and the core is are different.
5. (Currently amended) The printhead assembly support structure of claim 1, wherein the beam is elongate, and the assembly further comprising:
a plurality of printhead modules positioned end to end along the beam.
6. (Currently amended) The printhead assembly support structure of claim 5, wherein: the printhead modules are all silicon MEMS type modules.
7. (Currently amended) The printhead assembly support structure of claim 1, wherein: the layers are hot rolled.
8. (Currently amended) The printhead assembly support structure of claim 7, wherein: the layers are three in number and the core has a coefficient of thermal expansion greater than that of silicon.

BEST AVAILABLE COPY

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.